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March 12, 2012

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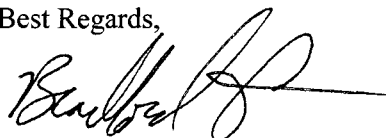
RE: 2-Bromo-3,3,3-trifluoropropene [CAS: 1514-82-5], Range Finding Inhalation Study

Dear Sir or Madam:

The following preliminary information is being submitted on 2-Bromo-3,3,3-trifluoropropene (CAS: 1514-82-5, 99.9% pure plus stabilizers). A 14-day, whole-body inhalation study in rats was performed recently at Huntingdon Research Centre. Dosing was performed at approximate concentrations of 0, 5000, 10000 and 20000 ppm for 6 hours per day, 5 days per week. There were no unscheduled deaths during the study. The two macroscopic effects were 1) reduced thymus size at the highest dose, and 2) depressions or roughening of the stomach at the highest dose. Dose-related pathological findings were seen in the nasal turbinates, larynx and trachea at all concentrations. Minimal to slight changes were seen at the lowest concentration and minimal to moderate changes were observed in the medium and high doses. In two animals exposed to the highest concentration, fibrosis (with or without associated cartilage formation) in the olfactory epithelium and changes in the olfactory gland were considered "marked." The pathological changes were consistent with irritation of the test substance and subsequent regeneration of tissue as part of a repair process. The macroscopic and pathological results of repeated exposure to 2-Bromo-3,3,3-trifluoropropene are being fully evaluated. The full report is not yet available, but when it is completed, it will be submitted to EPA.

This compound is currently undergoing toxicological testing and evaluation for potential use as an alternative to Halon 1211 in fire protection. This compound has not yet been submitted for TSCA listing.

Best Regards,



Bradford Colton
Research Engineer

**CONTAINS NO CBI****American Pacific Corporation**

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From: (702) 699-4171
Brad Colton
American Pacific Corp
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Suite 700
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Origin ID: BLDA



Ship Date: 12MAR12
ActWgt: 1.0 LB
CAD: 5430836/INET3250

Delivery Address Bar Code



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1200 PENNSYLVANIA AVE NW
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Ref # TSCA Submittal
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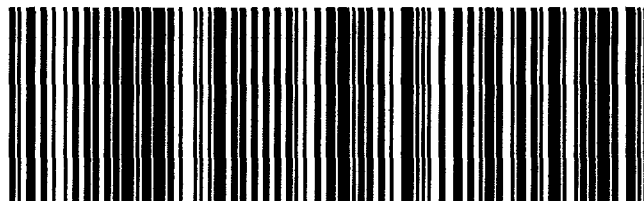
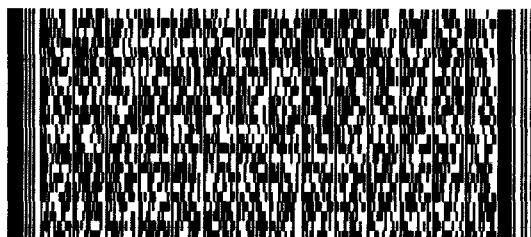
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